

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	57024	(mram (magnetic near3 (memory ram)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 10:56
S2	72167	(magnetic field) same shield\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 13:26
S3	1566	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 13:28
S4	55458	S1 not S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 13:28
S5	1566	S1 not S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 13:28
S6	70601	S2 not S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 13:28
S7	1566	S2 not S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 13:30
S8	159351	(region\$2 part\$3 area locat\$3 cent\$3 edge) with shield\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 13:56
S9	582	S7 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 13:42

## EAST Search History

S10	2	"5939772".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 16:16
S11	223225	"257"/("659" "704" "710").ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 13:44
S12	48	S9 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 13:44
S13	159351	(region\$2 part\$3 area locat\$3 cent\$3 edge periperal) with shield\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 13:54
S14	159352	(region\$2 part\$3 area locat\$3 cent\$3 edge periper\$2) with shield\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 13:54
S15	51680	(cent\$3 edge) with shield\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 13:56
S16	281	S1 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 13:57
S17	198	S16 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 14:10
S18	4849	(shield\$3 near3 layer) with (shap\$3 pattern\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 14:10
S19	5291	(shield\$3 near3 layer) with (shap\$3 pattern\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 14:23

## EAST Search History

S20	20	S17 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 14:11
S21	0	(hallow near3 shap\$3) with (magnetic near3 shield\$3 near3 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 14:24
S22	2	"5939772".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:16
S23	15	"5939772"	USPAT	OR	OFF	2005/06/09 14:13
S24	0	"10506752"	USPAT	OR	OFF	2005/06/09 14:14
S25	0	(10/506752).CCLS.	USPAT; USOCR	OR	OFF	2005/06/09 14:14
S26	0	"10/506752"	USPAT	OR	OFF	2005/06/09 14:14
S27	1	"10/506752"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/06/09 14:25
S28	1	"09668922"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/06/09 15:43
S29	2	"6,724,027"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/06/09 15:45
S30	2	"6,515,352"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/06/09 15:45
S33	11	(magnetic near memory) and (pinned adj layer) and (changeable near layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 10:36
S34	10	S33 and (@ad<"20040903" @rlad<"20040903")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 10:40

## EAST Search History

S35	2	S33 and (shield near layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 10:30
S36	2	S35 and (@ad<"20040903" @rlad<"20040903")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 10:34
S41	0	257/659 and (pinned near (layer film)) and (changeable near (film layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 10:40
S42	31	257/659 and (magnetic near memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 11:41
S43	30	S42 and (@ad<"20040903" @rlad<"20040903")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 11:41
S44	47	257/659 and (magnetic near shielding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 11:52
S45	47	S44 and (@ad<"20040903" @rlad<"20040903")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 11:53
S46	32	((MRAM near elements) (magnetic near memory near arrays)) and (magnetic near shielding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 11:53

## EAST Search History

S48	20	S46 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 12:48
S49	2	"6724027".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 12:46
S50	1	"6219212".PN.	USPAT; USOCR	OR	ON	2005/11/16 12:46
S51	1	"6165607".PN.	USPAT; USOCR	OR	ON	2005/11/16 12:46
S52	1	"5902690".PN.	USPAT; USOCR	OR	ON	2005/11/16 12:47
S53	5	(magnetically near shielding) and (MRAM near elements)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 12:49
S54	1	S53 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 12:50
S55	4	(magnetically near shielding) and (magnetic near memory near elements)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 12:50
S56	2	S55 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 12:51
S57	9	(magnetically near shielding) and (magnetic near4 memory near elements)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 12:50

## EAST Search History

S58	13	(magnetically near shielding) and (magnetic near10 memory near elements)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 12:50
S59	16	(magnetically near shielding) and (magnetic near20 memory near elements)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 12:50
S60	9	S59 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 15:37
S61	1	(edge and center with (magnetic near shielding)) and (MRAM near elements)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:07
S62	0	S61 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 15:45
S63	1	(edge and center same (magnetic near shielding)) and (MRAM near elements)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 15:52
S64	0	S63 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:07
S65	2	"5902690".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 15:57

## EAST Search History

S66	2	"5939772".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:05
S69	1975	(magnetic near memory near elements) (magnetic near memory near array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:45
S70	31	(edge and center with (magnetic near shielding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:07
S71	25	S70 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:08
S72	1	S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:07
S73	0	S72 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:09
S74	30	S69 and (magnetic adj shielding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:09
S75	33	S69 and (magnetic adj (shielding protect prevent block))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:10

## EAST Search History

S76	0	S73 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:45
S77	34	S69 and (magnet\$3 adj (shielding protect prevent block))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:38
S78	16	S77 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:43
S79	1	"6197456".PN.	USPAT; USOCR	OR	ON	2005/11/16 16:39
S80	1	"5940319".PN.	USPAT; USOCR	OR	ON	2005/11/16 16:39
S81	1	"5902690".PN.	USPAT; USOCR	OR	ON	2005/11/16 16:39
S82	1	"5831920".PN.	USPAT; USOCR	OR	ON	2005/11/16 16:40
S83	1	"5569544".PN.	USPAT; USOCR	OR	ON	2005/11/16 16:40
S84	1	"3708789".PN.	USPAT; USOCR	OR	ON	2005/11/16 16:40
S85	1	"3708789".PN.	USPAT; USOCR	OR	ON	2005/11/16 16:42
S86	1	"6197456".PN.	USPAT; USOCR	OR	ON	2005/11/16 16:42
S87	9	365/154 and 257/659	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:43
S88	9	S87 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 16:43



## EAST Search History

S89	16	S75 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 22:07
S90	1	"6219212".PN.	USPAT; USOCR	OR	ON	2005/11/16 17:03
S91	1	"6165607".PN.	USPAT; USOCR	OR	ON	2005/11/16 17:04
S92	1	"5902690".PN.	USPAT; USOCR	OR	ON	2005/11/16 17:04
S93	6	S69 and (magnet\$3 adj (shielding protect prevent block)) and ((magnet\$3 adj (shielding protect prevent block)) near (films layers))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 17:11
S94	3	S93 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 12:09
S95	2	"20020008988"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 17:24
S96	1	"6197456".PN.	USPAT; USOCR	OR	ON	2005/11/17 10:12
S97	1	"5940319".PN.	USPAT; USOCR	OR	ON	2005/11/17 10:12
S98	4	"2002008988"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 12:09
S99	1980	(magnetic near memory near elements) (magnetic near memory near array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:40

## EAST Search History

S10 0	34	S99 and (magnet\$3 adj (shielding protect prevent block))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 16:19
S10 1	0	S100 and (saturation adj magnet\$3) and ("1.8" near telsa)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:41
S10 2	0	S100 and ("1.8" near telsa)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:41
S10 3	0	S100 and (saturation adj magnetism)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:42
S10 4	162	(saturation adj magnetism)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:42
S10 7	0	S100 and S104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 16:04
S10 8	13324	magnet\$3 adj (shielding protect prevent block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 16:20
S10 9	212	S108 and (magnetic adj saturation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 16:23

## EAST Search History

S11 0	175	S109 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 16:24
S11 1	2	S109 and ((MRAM adj element adj array) (magnetic adj memory adj elements))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 16:24
S11 2	2	S111 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 19:34
S11 3	1	"6197456".PN.	USPAT; USOCR	OR	ON	2005/11/17 19:25
S11 4	1	"5940319".PN.	USPAT; USOCR	OR	ON	2005/11/17 19:25
S11 5	7	("1.8" adj telsa same more)("1500" adj kA/m)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 19:37
S11 6	5	S115 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 19:39
S11 7	6287014	((("1.8" adj telsa same more)("1500" adj kA/m)) near "10" (order purpose\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 20:01
S11 8	1980	(magnetic near memory near elements) (magnetic near memory near array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 19:39

## EAST Search History

S119	34	S118 and (magnet\$3 adj (shielding protect prevent block))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 20:02
S120	29	S117 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 19:39
S121	15	S120 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 20:03
S122	7120429	((("1.8" adj telsa same more)("1500" adj kA/m)) near\$5 (order purpose\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 20:01
S123	7089253	((("1.8" adj telsa same more)("1500" adj kA/m)) near\$2 (order purpose\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 20:01
S124	6456	S123 and (magnet\$3 adj (shielding protect prevent block))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 20:03
S125	29	S124 and S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 20:03
S126	15	S125 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 20:14

## EAST Search History

S12 7	16332637	JP 2003-297983	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 20:14
S12 8	16332636	JP "2003297983"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 20:15
S12 9	1	JP2003297983	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 20:15
S13 0	1	"2003-297983"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 20:16
S13 1	1783	257/295.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 10:57
S13 2	246	S131 and FeRAM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:01
S13 3	237	S132 and (@ad<"20040629" @rlad<"20040629")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:03
S13 4	0	S132 and (conductivity near anisotropy)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:05
S13 6	6	S131 and (memory adj array near (layer film))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:03

## EAST Search History

S13 7	6	S136 and (@ad<"20040629" @rlad<"20040629")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:05
S13 8	271	conductivity near anisotropy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:07
S13 9	0	S138 and (memory near array near (film layer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:05
S14 0	267	S138 and (@ad<"20040629" @rlad<"20040629")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 12:10
S14 1	0	S138 and FeRAM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:06
S14 2	78	electrical near conductivity near anisotropy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:07
S14 3	76	S142 and (@ad<"20040629" @rlad<"20040629")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:10
S14 4	11126	(memory near array) and (memory near layer film) and (conductive layer probe)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:08
S14 5	44	S144 and ferroelectric and (phase near change near material)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:27
S14 6	44	S145 and (@ad<"20040629" @rlad<"20040629")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:28

## EAST Search History

S14 7	11	S144 and (anisotropic adj structure)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:28
S14 8	11	S147 and (@ad<"20040629" @rlad<"20040629")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 12:08
S14 9	0	(memory adj layer film) near3 (hysteretic near material)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 12:09
S15 0	1	(memory adj layer film) with (hysteretic near material)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 12:09
S15 1	1	S150 and (@ad<"20040629" @rlad<"20040629")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:12
S15 2	0	(mesa and valley) near (memory adj array near structure)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 12:54
S15 3	0	memory adj array with ((mesa and valley) near structure)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 12:54
S15 4	1	(mesa valley) with (memory near array near structure)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 13:02
S15 5	0	msilicon adj mesa	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 13:02
S15 6	519	silicon adj mesa	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 13:02

## EAST Search History

S15 7	1975	silicon adj valley	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 13:02
S15 8	5	S156 and S157	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:11
S15 9	0	2005/0212033	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 14:47
S16 0	2	"20050212033"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 14:47
S16 1	497	mesa near (transistor source drain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:14
S16 2	444	S161 and (@ad<"20040811" @rlad<"20040811")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:16
S16 3	0	(mesa near (transistor source drain)) and (valley near (transistor source drain))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:16
S16 4	497	(mesa near (transistor source drain)) and (transistor source drain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:33
S16 5	444	S164 and (@ad<"20040811" @rlad<"20040811")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:33
S16 6	497	(mesa near (transistor source drain))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:33



## EAST Search History

S16 7	444	S166 and (@ad<"20040811" @rlad<"20040811")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:36
S16 8	5136	heterojunction adj bipolar adj transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:35
S16 9	50	S168 and (mesa near transistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:35
S17 0	50	S169 and (@ad<"20040811" @rlad<"20040811")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:36
S17 1	1	2002/0008988	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 22:06
S17 2	1	"20020008988".PN.	US-PGPUB	OR	ON	2006/03/08 19:53
S17 3	602	(magnetic near memory near array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 22:06
S17 4	21	S173 with shield\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 22:45
S17 5	18	S174 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 22:45
S17 6	18	(pinned near layer) same (changeable near layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 22:44

## EAST Search History

S17 7	23	(pinned near layer) and (changeable near layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 22:44
S17 8	6	S177 and shield\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 22:45
S17 9	5	S178 and (@ad<"20030115" @rlad<"20030115")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 22:45